

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

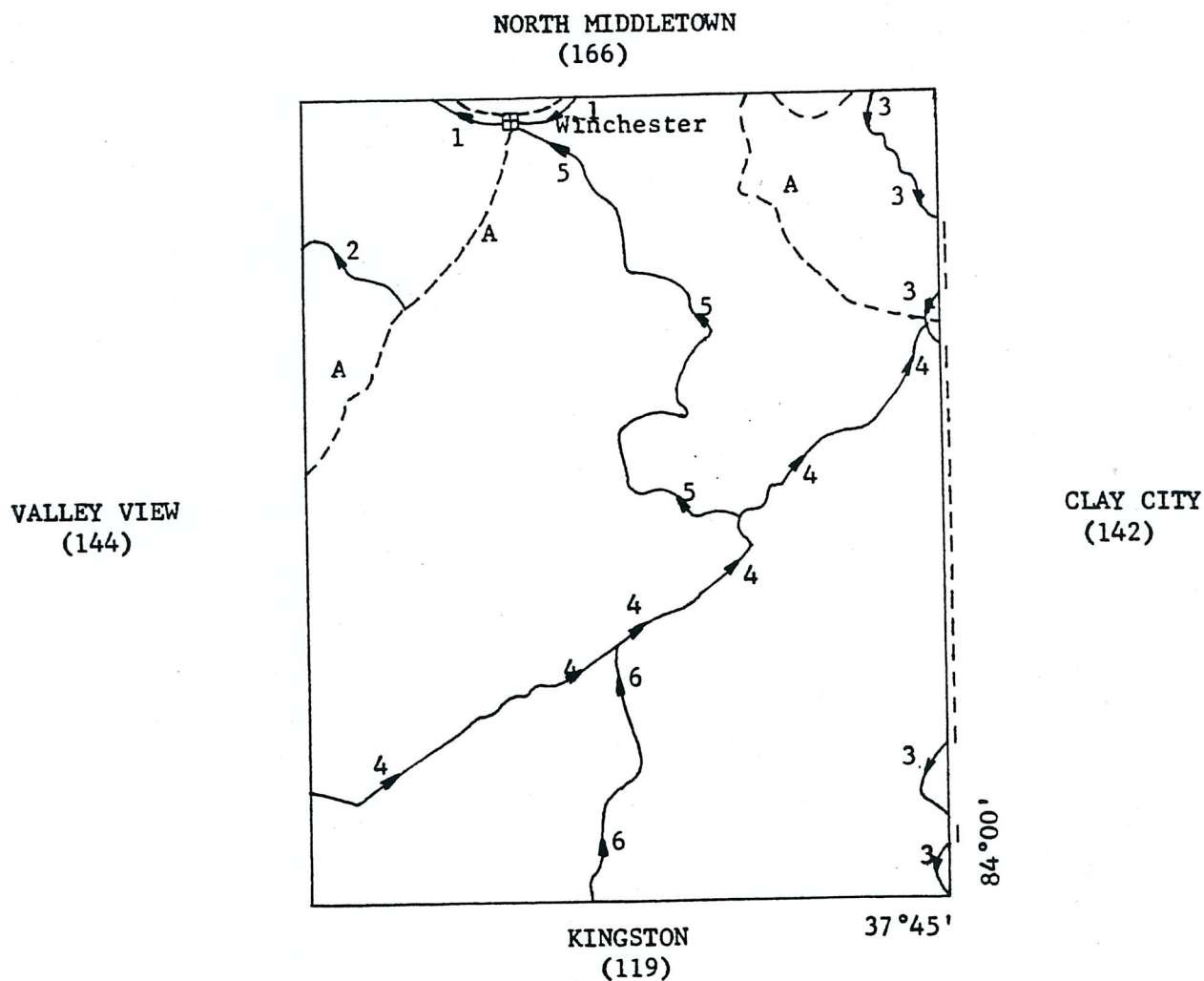
37-084-11
WINCHESTER QUADRANGLE
143 KENTUCKY
N3745-W8400/15
DIAGRAM NJ 16-9
WINCHESTER

Clark, Estill, Madison, Montgomery
and Powell Counties

Final adjustment of 1952

Edition of 09/23/86 LAP

PR: CRV/mid



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 370841

143 KENTUCKY
WINCHESTER QUADRANGLE

37-084-11
N3745-W8400/15

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LINE 1.Feet

By C. E. Walker, 1930; Book B 3676

Winchester; 0.2 mi N. of Union Station; 230 ft E. of centerline of North Main Street; 8 ft N. and 12 ft W. of N. Winchester station of Louisville and Nashville Railroad (not in use, 1936); 12 ft S. of near rail; at angle in pavement; in NE. corner of small park; in concrete post; standard tablet stamped
"TT STA NO 133 M 1928"

980.970

LINE 2.

By W. N. Runnels, 1950; Book AV 152

5 2 0.00 "V 38 1935" (NGS)

848.036

5 4 1.75 Winchester, 4.3 mi SW. of courthouse, along U. S. Highway 227; 150 ft E. of E. corner of Forest Grove Christian Church; 25 ft S. and 62 ft W. of junction of water works rd. NW.; 4 ft S. of telephone pole; in concrete post; standard tablet stamped
"TT 29 EV 1950 902"

RESET - SEE BACK
OF RECORD FOR
DESCRIPTION AND
ELEVATION
901.284

5 5 1.75 Reference mark; 35 ft SE. of tablet; on S. headwall of small culvert; chiseled square

901.28

5 7 2.71 U.E., Forest Grove, 0.9 mi WNW. of; 120 ft SE. of junction of private driveway N.; on W. end of S. headwall of stone culvert; chiseled square

894.66

LINE 3.

By G. Baird, 1950; Book AV 148

1 7 1.44 U.E., at NW. entrance drive to Bethlehem Christian Church; 10 ft S. of centerline of rd.; on top of E. concrete masonry headwall; chiseled square

1031.73

1 9 2.58 Kiddville, 2.0 mi NW. of; 400 ft N. of farmhouse; 66 ft NW. of 24-in hedge tree; 21 ft E. of centerline of rd; 3 ft SW. of hedge fence; 1 ft higher than rd.; in concrete post projecting 2 in.; standard tablet stamped "1 GB 1950 1016"

1016.484

/Jogs into Clay City quadrangle/

LINE 3 (Cont'd)Feet

- 1 21 7.24 Indian Fields, 0.8 mi SW. of; 300 ft NE. of country store at Goffs Corner; 23 ft N. and 32 ft W. of junction of Kiddville and Indian Fields Pike with State Highway 15; 11 ft S. and 11 ft W. of corner of fences SW. and NW.; 1 ft SE. of right-of-way fence; in concrete post; standard tablet stamped "TT 5 EV 1950 796" 796.130
- 1 22 7.24 Reference mark, 450 ft NE. of tablet; on N. corner of NW. concrete headwall of culvert; chiseled square 771.92
- /Jogs into Clay City quadrangle/
- 1 54 20.75 Hargett, in top of E. abutment; S. side of concrete bridge on State Highway 89 over L. & N. R.R. USED Cincinnati District "R P" 722.777
- 1 55 21.15 Irvine, 6.2 mi NW. of, along State Highway 89 from county courthouse; 0.2 mi SE. of Hargett; at crest of hill; 34 ft N. and 64 ft E. of NE. corner of New Tembell Baptist Church; 28 ft S. and 23 ft W. of centerline of State Highway 89 at church driveway; 3 ft W. of power pole; 3 ft E. of NE. corner of churchyard; in concrete post; standard tablet stamped "TT 12 EV 1950 740" 739.970
- 1 56 21.15 Reference mark, 125 ft E. of tablet; 35 ft NE. of centerline of State Highway 89 in root of 10-in oak tree; 4 ft higher than hwy; copper nail and washer 742.52
- /Jogs into Clay City quadrangle/
- 1 60 23.37 Irvine, 4.2 mi NW. of; along State Highway 89 from county courthouse; 2.2 mi SE. of Hargett; 600 ft NW. of concrete hwy. bridge over Calloway Creek; 200 ft SE. of corner of house on S. slope of hill; 43 ft W. of centerline of State Highway 89 at curve; 64 ft N. of "Painters Friend" signboard; 25 ft N. of 8-in. cedar tree; 17 ft E. of fenceline; 3 ft N. of telephone pole; in concrete post; standard tablet stamped "TT 13 EV 1950 645" 644.702
- 1 61 23.37 Reference mark, 615 ft SE. of tablet; at State Highway 89 NW. corner of concrete bridge over Calloway Creek; on top of concrete guardrail base; chiseled square 621.43

LINE 4.Feet

By G. Baird; 1950; Book AV 148

- | | | | | |
|---|----|-------|---|--------------------|
| 2 | 5 | 1.80 | Union City, 2.8 mi W. of along Union City Pike; 30 ft N. and 45 ft E. of Union City Pike opposite rd. S. at offset crossroads; in concrete post level with rd.; standard tablet stamped "4 GB 1950 924" <i>Reset 1984</i> | 890.563
924.377 |
| 2 | 6 | 1.80 | Reference mark, 200 ft E. of tablet; 15 ft N. of centerline of rd.; in root on N. side of 12-in hickory tree; copper nail and washer | 922.46 |
| 2 | 11 | 4.44 | Union City, 370 ft S. of Union City grade school; 18 ft N. and 34 ft W. of centerline of Union City Pike opposite drive N. to school; in concrete post; standard tablet stamped "5 GB 1950 919" <i>Reset 1984</i> | 902.787
919.170 |
| 2 | 12 | 4.44 | Reference mark, 370 ft N. of tablet; on lowest step at main entrance to Union City grade school; chiseled square | 920.98 |
| 2 | 12 | 4.81 | U.E., Union City; 25 ft N. of centerline of rd. on bottom concrete step of walk to Union City Baptist Church; chiseled square | 887.26 |
| 2 | 19 | 6.92 | Union City, 2.1 mi E. of; along Doylesville Pike; 168 ft E. and 22 ft S. from centerline of pike opposite rd. S.; 89 ft NE. of NE. corner of porch at residence of Mrs. W. B. Powells; 3 ft SW. of fence corner; in concrete post; standard tablet stamped "6 GB 1950 879" | 878.618 |
| 2 | 30 | 10.21 | College Hill, 3.7 mi N. of; at curve in rd. from N. to NE.; 65 ft E. of junction rd. N.; 50 ft SE. of gas pump at store; 17 ft SE. of centerline of rd.; in concrete post; standard tablet stamped "7 GB 1950 887" | 886.624 |
| 2 | 31 | 10.21 | Reference mark, 490 ft NE. of tablet; 12 ft NW. of centerline of rd.; in root on SW. side of 18-in. twin sycamore tree; copper nail and washer | 878.24 |
| 2 | 35 | 12.32 | College Hill, 5.8 mi N. of; 0.9 mi S. of Kentucky River at mouth of Red River; 315 ft SE. of barn on N. side of rd.; 157 ft SE. of private gravel rd. leading E.; 17 ft SW. from centerline of rd.; in concrete post; 1 ft higher than rd.; standard tablet stamped "8 GB 1950 804" | 804.070 |

<u>LINE 4 (Cont'd)</u>				<u>Feet</u>
2	36	12.32	Reference mark; 120 ft E. of tablet; in root of 10-in oak tree; copper nail and washer	798.54
2	38	13.19	U.E., 10 ft W. of centerline of rd. to drive S.; on end of W. rock of headwall chiseled square	594.82
2	44	14.64	U.E., 200 ft NW. of jct. of Red River rd. and rd. to Bloomingdale; on top of S. concrete headwall; chiseled square	814.81
2	48	16.07	Kentucky River at mouth of Red River, 2.7 mi NE. of; 0.5 mi W. of Fox store at Trapp, Kentucky; 35 ft S. of centerline of State Highway 89; 6 ft NE. of 3-in. iron pipe signpost of Dunaway Methodist Church; in concrete post; standard tablet stamped "9 GB 1950 829" <i>see reset at end of guard</i>	828.730
2	49	16.07	Reference mark, 160 ft SW. of tablet; 140 ft NW. of Dunaway Methodist Church; in NW. root of 48-in. oak tree; copper nail and washer	834.29
2	53	18.06	Trapp, 1.5 mi NE. of; along Goffs corner rd.; 96 ft NE. of NE. corner of Corinth Baptist Church; 23 ft S. of centerline of rd.; 2 ft W. of board fence; in concrete post; standard tablet stamped "10 GB 1950 795"	795.179
2	54	18.06	Reference mark, 75 ft NE. of tablet; 15 ft N. of centerline of rd.; in root of 14-in. buckeye tree; copper nail and washer	793.08
2	61	20.42	Trapp, 3.9 mi NE. of; 64 ft SW. of center of triangle between centerlines at rd. jct; 17 ft S. of centerline of rd.; 2 ft S. of fence; in concrete post; standard tablet stamped "11 GB 1950 772"	771.772
2	62	20.42	Reference mark, 130 ft NE of tablet; 16 ft E. of centerline of rd.; in W. root of 18-in. oak tree; copper nail and washer	775.44
2	65	21.85	"TT 5 EV 1950 796" (Described in line 3)	796.130

LINE 5.Feet

By G. Baird, 1950; Book AV 148

3	1	0.02	Trapp, 1.2 mi SW. of, along State Highway 89, thence 0.8 mi SW. along Red River Road; 1.1 mi N. of Merritt Ferry at confluence of Red and Kentucky Rivers; 25 ft E. of junction of Red River Road and Bloomingdale Pike; at break of hill; 3 ft S. and 2 ft W. of fence corner; in concrete post; standard tablet stamped "TT 18 EV 1950 842"	841.900
3	6	1.79	Bloomingdale, 1.9 mi SE. of, along macadam rd.; 0.9 mi SE. of Cotton Branch School; 750 ft SW. of junction of Red River Road and Goolman Road; 400 ft SW. of pipeline cut off valves; 39 ft N. of pipeline; at crest of hill; 35 ft S. and 5 ft E. of centerline of rd. at private drive S.; 47 ft S. and 39 ft E. of centerline of rd. at private drive N.; 8 ft N. and 15 ft E. of wooden gate; 3 ft N. of fence on small mound; in concrete post; standard tablet stamped "TT 19 EV 1950 797"	796.734
3	7	1.79	Reference mark, 60 ft NW. of tablet on rock ledge; chiseled square	792.60
3	13	3.93	Bloomingdale, 9 ft N. and 8 ft E. of NW. corner of Arthur Gravett General Store; 20 ft N. and 56 ft E. of center of intersection of Red River Road and White-Conkwright Pike; in concrete post; standard tablet stamped "TT 20 EV 1950 612"	611.882
3	14	3.93	Reference mark, 80 ft NE. of tablet; on top W. rock headwall of culvert; chiseled square	603.78
3	16	4.94	U.E., on top of N. concrete headwall; chiseled square	619.55
3	19	5.86	Bloomingdale, 2.1 mi NE. of, along White-Conkwright Pike; 3.8 mi SE. of junction of State Highway 89 and Bloomingdale-Conkwright Pike at Ruckerville; 10 ft S. and 42 ft E. of E. corner of M. Haggard house; 36 ft N. of Pike; 17 ft N. of E. corner of yard; 2 ft W. of yard fence; in concrete post; standard tablet stamped "TT 21 EV 1950 689" (Erroneously stamped)	668.698

LINE 5 (Cont'd)Feet

3	20	5.86	Reference mark, 100 ft E. of tablet; 24 ft N. of centerline of rd.; in root on N. side of 18-in. elm tree; copper nail and washer	669.46
3	27	7.75	Ruckerville, 1.5 mi SW. of junction of State Highway 89 and Bloomingdale-Conkwright Pike; 350 ft NW. of J. W. Cobb residence; on divide between Dry Fork Creek and Howard Creek; 35 ft S. and 9 ft W. of centerline of rd.; at graveled drive to J. W. Cobb house; 11 ft S. and 21 ft W. of center of cattle gate; 7 ft S. and 3 ft E. of fence corner; 10 ft SE. of 14-in. walnut tree; in concrete post; standard tablet stamped "TT 22 EV 1950 987"	987.135
3	28	7.75	Reference mark; on 30 ft NE. of tablet; N. corner of concrete cattleguard foundation; chiseled square	988.43
3	31	9.36	U.E., at Pharris Hill Christian Church; on bottom step at N. entrance; chiseled square	955.80
3	32	9.88	Ruckerville; 300 ft S. of intersection of State Highway 89 and old Ruckerville Road to Winchester; 160 ft S. of J. R. Gray's General Store; 23 ft NE. of centerline of State Highway 89; 3 ft S. and 1 ft E. of corner fence post; 250 ft S. of concrete bridge over Dry Fork Creek; 13 ft S. of center of Royal Crown Billboard sign; in concrete post; standard tablet stamped "TT 23 EV 1950 823"	822.812
3	33	9.88	Reference mark, at SW. corner of concrete bridge over Dry Fork on wingwall; chiseled square	815.84
3	41	12.03	Ruckerville, 2.0 mi W. along old Ruckerville Road from J. R. Gray General Store; 3.5 mi SE. along State Highway 89 from county courthouse at Winchester; thence 1.7 mi S. along old Ruckerville Rd.; 35 ft N. and 126 ft W. of rd. tunnel under L. & N. R.R.; 25 ft N. of centerline of rd.; 48 ft N. and 90 ft E. of centerline of rd. at private rd. S.; 65 ft S. and 20 ft E. of SW. corner of George Lowry residence; 21 ft S. and 45 ft E. of centerline of sidewalk thru small gate; 6 ft W. of telephone pole; in concrete post; standard tablet stamped "TT 24 EV 1950 864"	863.927
3	42	12.03	Reference mark; on lowest concrete step of entrance to white house; 50 ft NW. of tablet; chiseled square	859.34

LINE 5 (Cont'd)Feet

3	45	14.30	Winchester, 3.0 mi SE. of, along State Highway 89 from county courthouse; in Locknane School yard; 57 ft W. of SW. corner of schoolhouse; 18 ft N. and 37 ft E. of centerline of hwy. at school driveway; 27 ft S. and 45 ft E. of SW. corner of school yard; 10 ft NE. of board fence; in concrete post; standard tablet stamped "TT 25 EV 1950 895"	894.826
3	46	14.30	Reference mark; 115 ft W. of tablet;;in root on E. side of 30-in ask tree; 33 ft SW. of centerline of State Highway 89; copper nail and washer	890.88
3	47	15.38	U.E., on NE. concrete headwall; chiseled square	989.39
3	49	16.08	Winchester, 1.2 mi SE. along State Highway 89 from courthouse; 13 ft N. and 27 ft W. of NW. corner of E. Davidson Log store; 31 ft S. and 53 ft E. of centerline of State Highway at junction of Extension of Broadway from Winchester; 8 ft S. and 47 ft E. of NE. corner of porch of James Allen residence; 15 ft SE. of driveway; 9 ft NW. of 6-in locust tree; in concrete post; standard tablet stamped "TT 26 EV 1950 1042"	1042.052
3	50	16.08	Reference mark; 70 ft N. of tablet; between rd. forks; 24 ft SW. of centerline of State Highway 89; on limestone outcrop; chiseled square	1039.67
3	52	17.12	"T 38 1935" (NGS)	971.655

LINE 6.

By G. Baird, 1950; Book AV 148

3	57	1.09	Waco, 1.1 mi N. of; along College Hill Pike; 2.6 mi S. of College Hill; 135 ft N. of junction with side rd. leading NW.; 23 ft W. from centerline of rd.; in concrete post 2 ft higher than rd.; standard tablet stamped "12 GB 1950 903"	902.493
3	61	3.69	College Hill, 113 ft NE. of College Hill Methodist Church; 22 ft W. of centerline of rd. at side rd. E. to Kentucky River Navigation Dam #11; in concrete post; standard tablet stamped "13 GB 1950 893"	893.396
3	63	3.69	Reference mark, 130 ft SW. of tablet; on N. end lowest step at entrance to College Hill Methodist Church; chiseled square	890.52

WINCHESTER QUADRANGLE

143 KENTUCKY

37-084-11
10

LINE 6 (Cont'd)

Feet

3	64	6.02	College Hill, 2.2 mi N. of; at curve in rd. from NW. to N.; 16 ft S. and 19 ft W. of centerline of rd. opposite private drive W.; in concrete post; standard tablet stamped "14 GB 1950 939"	939.186
3	65	6.02	Reference mark; 200 ft NE. of tablet; 15 ft E. of centerline of College Hill Pike; in root on NW. side of 20-in. locust tree; copper nail and washer	932.49

WINCHESTER QUADRANGLE
143 KENTUCKY

RESET

BM 29 EV 1950 RESET 1986

BM; WINCHESTER, 4.2 MI SW. ALONG STATE HWY. 627 FROM COURTHOUSE,
THENCE 0.1 MI NW. ON FLANAGAN STATION RD., THENCE 0.1 MI SW. ON
OLD BOONESBOROUGH RD. TO JCT. WITH WATERWORKS RD. AND FOREST
GROVE CHRISTIAN CHURCH; 243 FT W. OF CENTER OF INTERSECTION; 7
FT SW. OF CENTER OF DOORWAY, 0.2 FT SE. OF SE. WALL, 0.1 FT
ABOVE GROUND, A STANDARD TABLET SET IN A DRILL HOLE ON UPPER
SURFACE OF LIMESTONE FOUNDATION OF OLDEST SECTION OF CHURCH,
STAMPED "29 EV 1950 RESET 1986" ELEVATION 904.348 FT

RESET BY D. CONNER, NGS

R E S E T

4-29-91

WINCHESTER QUADRANGLE
143 KENTUCKY

KENTUCKY RIVER AT MOUTH OF RED RIVER, 2.7 MI NE. OF; 0.5 MI W. OF
TRAPP ELEMENTARY SCHOOL, 176 FT S. OF CENTERLINE OF KY 89, 122 FT
N. OF FRONT DOOR TO DUNAWAY METHODIST CHURCH, 1.4 FT S. OF WOODEN
FENCE, IN N.W. END OF CONCRETE SIDEWALK; STANDARD TABLET STAMPED "9
GB RESET 1991"

RESET ELEVATION 836.697 FT
255.026 M

RESET BY KENTUCKY DEPARTMENT OF TRANSPORTATION
FRANKFORT, KENTUCKY
APRIL 24, 1991

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

37-084-11
WINCHESTER QUADRANGLE
143 KENTUCKY
N3745-W8400/15
DIAGRAM NJ 16-9
WINCHESTER

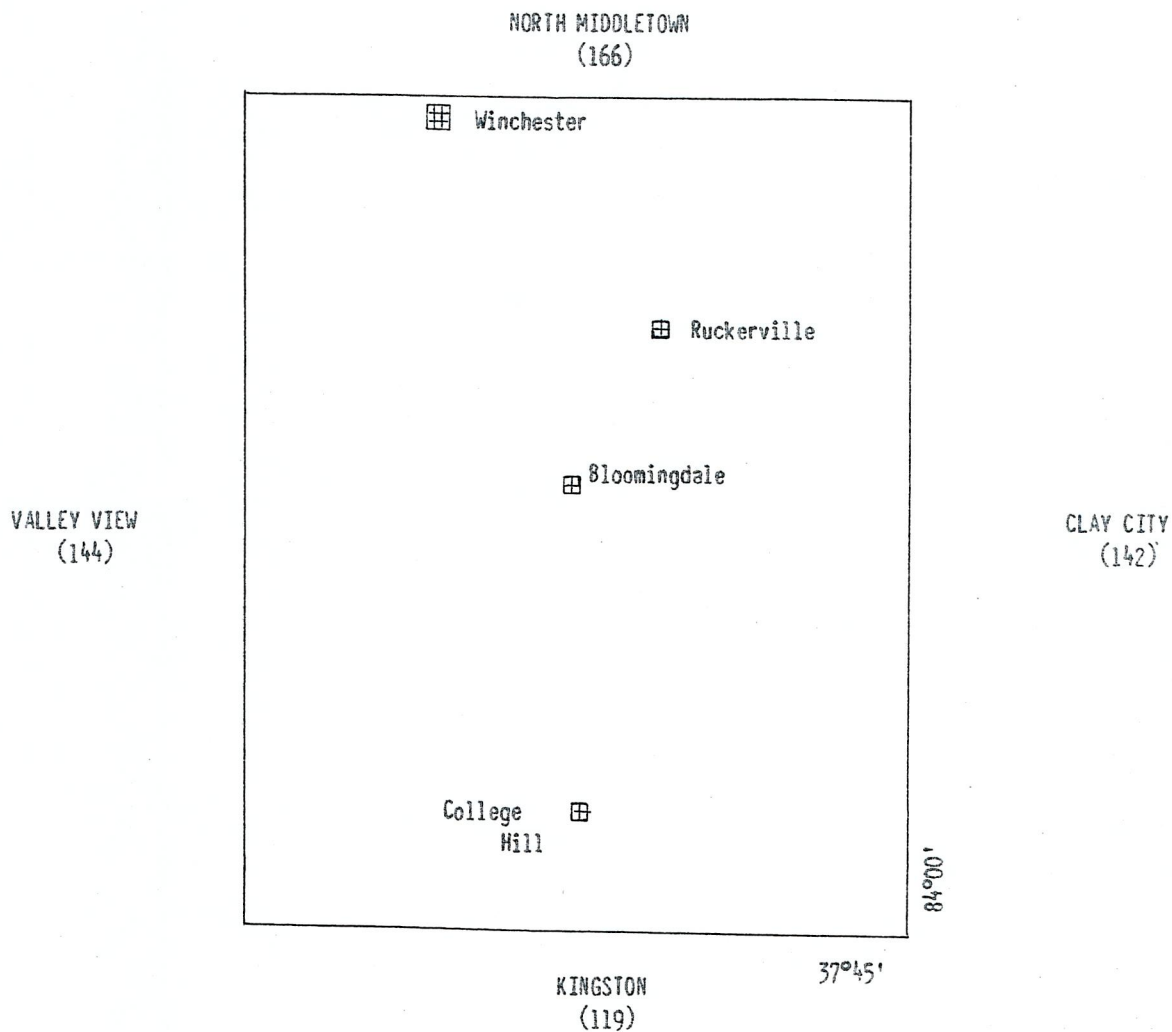
Clark, Estill, Madison, Montgomery,
and Powell Counties

Edition of 10/22/76

PR: CRV/rmm

Plane coordinates are based on Lambert
projection, Kentucky, South and North Zones

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch



143 KENTUCKY
WINCHESTER QUADRANGLE

37-084-11.
N3745-W8400/15

INDEX OF PERMANENT MARKS

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TT 24 EV 1950 864	4
TT 25 EV 1950 895	5
TT 26 EV 1950 1042	5
TT 29 EV 1950 902	5
7 GB 1950 887 TT	4
8 GB 1950 804 TT	4
12 GB 1950 903 TT	3
13 GB 1950 893 TT	3
14 GB 1950 939 TT	5
<u>USED</u>	
NOT STAMPED	3
<u>NGS</u>	
V 38 1935 848.036	5
W 38 1935 763.972	5

DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSELETE and is included in this list for the purpose of identification only.

STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		" ' "	" ' "

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By S. H. Moyers, 1928; Book C8720

Winchester, 0.2 mi N. of Union Station; 230 ft E. of centerline of North Main Street; 8 ft N. and 12 ft W. of N. Winchester station of Louisville and Nashville Railroad (Not in use, 1936); 12 ft S. of near rail; at angle in pavement; in NE. corner of small park; in concrete post; standard tablet stamped "TT STA NO 133 M 1928"

Ky. S.)	X = 2,454,368	Y = 610,370	37 59 57.62	84 10 23.66
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By J. A. Evans, 1950; Book AH 168

Indian Fields, 0.8 mi SW. of; 300 ft NE. of country store of Goffs Corner; 23 ft N. and 32 ft W. of junction of Kiddville and Indian Fields Pike with State Highway 15; 11 ft S. and 11 ft W. of corner of fences SW. and NW.; 1 ft SE. of right-of-way fence; in concrete post; standard tablet stamped "TT 5 EV 1950 796"

	X = 2,503,284	Y = 585,880	37 55 46.99	84 00 18.31
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Hargett; in E. concrete abutment on S. side of State Highway 89 bridge over L. & N. RR.; USED standard disk not stamped

	X = 2,501,805	Y = 532,781	37 47 02.39	84 00 48.94
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Irvine, 6.2 mi NW. of courthouse, along State Highway 89; 0.2 mi SE. of Hargett; at crest of hill; 34 ft N. and 65 ft E. of NE. corner of New Tembell Baptist Church; 28 ft S. and 23 ft W. of centerline of hwy. at church driveway; 3 ft W. of power pole; 3 ft E. of NE. corner of churchyard; in concrete post; standard tablet stamped "TT 12 EV 1950 740"

	X = 2,503,303	Y = 531,550	37 46 49.95	84 00 30.58
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Irvine, 4.2 mi NW. of courthouse, along State Highway 89; 2.2 mi SE. of Hargett; 600 ft NW. of concrete hwy. bridge over Calloway Creek; 43 ft W. of centerline of hwy. at curve; 200 ft SE. of corner of house on S. slope of hill; 64 ft N. of signboard; 25 ft N. of 8-in. cedar tree; 17 ft E. of fenceline; 3 ft N. of telephone pole; in concrete post; standard tablet stamped "TT 13 EV 1950 645"

	X = 2,505,861	Y = 521,179	37 45 06.96	84 00 01.10
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Waco, 1.1 mi N. of, along College Hill Pike; 2.6 mi SW. of College Hill; 135 ft N. of junction of rd. NW.; 23 ft W. of and 2 ft higher than centerline of rd.; in concrete post; standard tablet stamped "12 GB 1950 903 IT"

	X = 2,465,440	Y = 522,254	37 45 24.69	84 08 24.09
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College Hill; 113 ft NE. of College Hill Methodist Church; 22 ft W. of centerline of rd. at junction of rd. to Kentucky River Navigation Dam No. 11; in concrete post; standard tablet stamped "13 GB 1950 893 IT"

	X = 2,470,035	Y = 533,284	37 47 12.96	84 07 24.53
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		" ' "	" ' "

OBSOLETE MARKS (Cont'd.)

College Hill, 3.7 mi N. of; at curve in rd. from N. to NE.; 65 ft E. of junction of dirt rd. N.; 50 ft SE. of gasoline pump at store; 17 ft SE. of centerline of rd.; in concrete post; standard tablet stamped "7 GB 1950 887 TT"

Ky. S.)	X = 2,469,418	Y = 551,024	37 50 08.41	84 07 28.40
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College Hill, 5.8 mi NE. of; 0.9 mi S. of Kentucky River at mouth of Red River; 315 ft SE. of barn on N. side of rd.; 157 ft NW. of junction of private graveled rd. E.; 17 ft S. of centerline of rd.; in concrete post projecting 1 ft higher than rd.; standard tablet stamped "8 GB 1950 804 TT"

	X = 2,477,594	Y = 555,359	37 50 49.86	84 05 45.56
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Bloomingsdale, 1.9 mi SE. of, along macadam rd.; 0.9 mi SE. of Cotton Branch School; 750 ft SW. of junction of Red River Road and Goolman Road; 400 ft SW. of pipeline cut off valves; 39 ft N. of pipeline; at crest of hill; 35 ft S. and 5 ft E. of centerline of rd. at private drive S.; 47 ft S. and 39 ft E. of centerline of rd. at private drive N.; 8 ft N. and 15 ft E. of wooden gate; 3 ft N. of fence on small mound; in concrete post; standard tablet stamped "TT 19 EV 1950 797"

	X = 2,475,139	Y = 564,447	37 52 19.93	84 06 13.96
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Bloomingsdale; 9 ft N. and 8 ft E. of NW. corner of Arthur Gravett General Store; 20 ft N. and 56 ft E. of centerline of Red River Road at junction of White-Conkwright Pike; in concrete post; standard tablet stamped "TT 20 EV 1950 612"

	X = 2,468,518	Y = 569,768	37 53 13.85	84 07 35.61
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Bloomingsdale, 2.1 mi NE. of, along White-Conkwright Pike; 3.8 mi SE. of junction of State Highway 89 and Bloomingsdale-Conkwright Pike at Ruckerville; 10 ft S. and 42 ft E. of E. corner of M. Haggard house; 36 ft N. of Pike; 17 ft N. of E. corner of yard; 2 ft W. of yard fence; in concrete post; standard tablet stamped "TT 21 EV 1950 689" (Erroneously stamped)

	X = 2,473,133	Y = 574,131	37 53 56.19	84 06 37.11
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Ruckerville; 300 ft S. of intersection of State Highway 89 and old Ruckerville Road to Winchester; 160 ft S. of J. R. Gray's General Store; 23 ft NE. of centerline of State Highway 89; 3 ft S. and 1 ft E. of corner fence post; 250 ft S. of concrete bridge over Dry Fork Creek; 13 ft S. of center of Royal Crown Billboard sign; in concrete post; standard tablet stamped "TT 23 EV 1950 823"

	X = 2,477,714	Y = 586,584	37 55 58.49	84 05 37.24
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Ruckerville, 2.0 mi W. along old Ruckerville Road from J. R. Gray General Store; 3.5 mi SE. along State Highway 89 from county courthouse at Winchester; thence 1.7 mi S. along old Ruckerville Road; 35 ft N. and 126 ft W. of rd. tunnel under L. & N. RR.; 25 ft N. of centerline of rd.; 48 ft N. and 90 ft E. of centerline of rd. at private rd. S.; 65 ft S. and 20 ft E. of SW. corner of George Lowry residence; 21 ft S. and 45 ft E. of centerline of sidewalk thru small gate; 6 ft W. of telephone pole; in concrete post; standard tablet stamped "TT 24 EV 1950 864"

	X = 2,469,665	Y = 590,416	37 56 37.75	84 07 16.85
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		" ' "	" ' "

OBSOLETE MARKS (Cont'd.)

Winchester, 3.0 mi SE. along State Highway 89 from country courthouse; in Lockname School yard; 57 ft W. of SW. corner of schoolhouse; 18 ft N. and 37 ft E. of centerline of hwy. at school driveway; 27 ft S. and 45 ft E. of SW. corner of school yard; 10 ft NE. of board fence; in concrete post; standard tablet stamped "TT 25 EV 1950 895"

Ky. S.)	X = 2,465,186	Y = 600,651	37 58 19.68	84 08 10.57
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Winchester, 1.2 mi SE. along State Highway 89 from courthouse; 13 ft N. and 27 ft W. of NW. corner of E. Davidson Log Store; 31 ft S. and 53 ft E. of centerline of State Highway at junction of Extension of Broadway from Winchester; 8 ft S. and 47 ft E. of NE. corner of porch of James Allen residence; 15 ft SE. of driveway; 9 ft NW. of 6-in. locust tree; in concrete post; standard tablet stamped "TT 26 EV 1950 1042"

	X = 2,458,711	Y = 606,668	37 59 20.23	84 09 30.17
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Winchester, 4.3 mi SW. of courthouse, along U. S. Highway 227; 150 ft E. of E. corner of Forest Grove Christian Church; 25 ft S. and 62 ft W. of centerline of hwy. at junction of Water Works Road NW.; 4 ft S. of telephone pole; in concrete post; standard tablet stamped "TT 29 EV 1950 902"

	X = 2,439,614	Y = 590,318	37 56 41.74	84 13 31.95
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Winchester, 4.9 mi SW. of station, along L. & N. RR.; at Flanagan; 435 ft SW. of Signal 1012; 159 ft SW. of Swetnam Co. General Store; 28 ft SE. of SE. rail; 24 ft S. of centerline of rd.; 2 ft NW. of fence; in concrete post; NGS standard disk stamped "V 38 1935 848.036"

	X = 2,444,087	Y = 586,732	37 56 05.58	84 12 36.85
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Elkin; 900 ft S. of station, along L. & N. RR.; 195 ft S. of underpass; 5 ft W. of W. rail; at bridge 34; in W. end of N. abutment; NGS standard disk stamped "W 38 1935 763.972"

	X = 2,440,227	Y = 578,661	37 54 46.41	84 13 26.65
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MARK TIED BY NGS

By J. A. Evans 1950; Book AH 168

College Hill, 2.2 mi NW. of, at curve in rd. from NW. to N.; 16 ft S. and 19 ft W. of centerline of rd. at junction of private drive W.; in concrete post; standard tablet stamped "14 G8 1950 939 TT"

	X = 2,467,852.26	Y = 543,862.90	37 48 57.893	84 07 49.446
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Trapp, 1.2 mi SW. of, along State Highway 89, thence 0.8 mi SW. along Red River Road; 1.1 mi N. of Merritt Ferry at confluence of Red and Kentucky Rivers; 25 ft E. of junction of Red River Road and Bloomingdale Pike; at break of hill; 3 ft S. and 2 ft W. of fence corner; in concrete post; standard tablet stamped "TT 18 EV 1950 842"

	X = 2,482,423.15	Y = 562,151.81	37 51 56.168	84 04 43.864
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143 KENTUCKY
WINCHESTER QUADRANGLE

37-084-11

6

STATION DESCRIPTION
 PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

MARKS TIED BY NGS

Ruckerville, 1.5 mi SW. of junction of State Highway 89 and Bloomingdale-Conkwright Pike; 350 ft NW. of J. W. Cobb residence; on divide between Dry Fork Creek and Howard Creek; 35 ft S. and 9 ft W. of centerline of rd.; at graveled drive to J. W. Cobb house; 11 ft S. and 21 ft W. of center of cattle gate; 7 ft S. and 3 ft E. of fence corner; 10 ft SE. of 14-in. walnut tree; in concrete post; standard tablet stamped "TT 22 EV 1950 987"

X = 2,474,689.94 Y = 579,376.13

37 54 47.767

84 06 16.542